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PTO/SB/81 (10-00)

Approved for use through 10/31/2002. OMB 0651-0035

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POWER OF ATTORNEY OR AUTHORIZATION OF AGENT	Application Number	10/774,105	
	Filing Date	02/06/2004	
	First Named Inventor	DiMauro	
	Group Art Unit	3761	
	Examiner Name	Stephens, Jacqueline	
	Attorney Docket Number	DEP5229USNP	

I hereby appoint:

☒ Practitioners at Customer Number **000027777** —

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☐ Practitioner(s) named below:

Name	Registration Number

as my/our attorney(s) or agent(s) to prosecute the application identified above, and to transact all business in the United States Patent and Trademark Office connected therewith.

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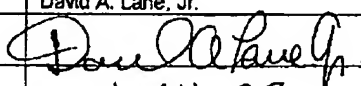
<input type="checkbox"/> Firm or Individual Name			
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Address			
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Country			
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I am the:

☐ Applicant/Inventor

☒ Assignee of record of the entire interest. See 37 CFR 3.71.
Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/98).

SIGNATURE of Applicant or Assignee of Record

Name:	David A. Lane, Jr.
Signature	
Date	4-14-08

NOTES: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below.

☐ Total of _____ forms are submitted.

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PTO/SB/96 (12-07)

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STATEMENT UNDER 37 CFR 3.73(b)Applicant/Patent Owner: DePuy Spine, Inc.Application No./Patent No.: 10774105 Filed/Issue Date: February 6, 2004Entitled: Implant Having A Photocatalytic UnitDePuy Spine, Inc. a corporation
(Name of Assignee) (Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1. ☒ the assignee of the entire right, title, and interest; or
2. ☐ an assignee of less than the entire right, title and interest
(The extent (by percentage) of its ownership interest is _____ %)

in the patent application/patent identified above by virtue of either:

- A. ☒ An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel 020483, Frame 0001, or for which a copy thereof is attached.

OR

- B. ☐ A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as follows:

1. From: _____ To: _____
The document was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.
2. From: _____ To: _____
The document was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.
3. From: _____ To: _____
The document was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.

☐ Additional documents in the chain of title are listed on a supplemental sheet.☐ As required by 37 CFR 3.73(b)(1)(i), the documentary evidence of the chain of title from the original owner to the assignee was, or concurrently is being, submitted for recordation pursuant to 37 CFR 3.11.

[NOTE: A separate copy (i.e., a true copy of the original assignment document(s)) must be submitted to Assignment Division in accordance with 37 CFR Part 3, to record the assignment in the records of the USPTO. See MPEP 302.08]

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

David A. Lane Jr.
Signature4/14/08
DateDavid A. Lane Jr.508-880-8488

Printed or Typed Name

Telephone Number

Assistant Secretary
Title

This collection of information is required by 37 CFR 3.73(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

DOCKET NO. DEP5229USNP

Joint Inventors

ASSIGNMENT

Serial No. 10/774,105
Filed February 6, 2004

WHEREAS, Thomas M. DiMauro residing at 3 Fitzgerald Lane, Southboro, MA 01772, Jeffrey Sutton residing at 6 Longmeadow Lane, Medway, MA 02053, Mohamed Attawia residing at 11 Carriage Lane, Canton, MA 02021, Hassan Serhan residing at 27 Forest Edge Road, South Easton, MA 02375, John Daniel Malone residing at 646 Old Farm Rd, Franklin, MA 02038, Timothy Beardsley residing at 132 Indian Pond Rd., Kingston, MA 02364 (hereinafter called "Assignors"), have made certain new and useful inventions or discoveries relating to

Implant Having A Photocatalytic Unit

for which they have on this day executed an application for Letters Patent of the United States; and

WHEREAS, DePuy Spine, Inc., a corporation of the State of Ohio, (hereinafter called "Assignee"), is desirous of acquiring Assignors' entire right, title, and interest therein:

NOW, THEREFORE, BE IT KNOWN that for and in consideration of the sum of One Dollar and other valuable considerations to them moving, the receipt of which is hereby acknowledged, Assignors have sold, assigned, and transferred, and do hereby sell, assign and transfer unto said Assignee their entire right, title and interest in and to all said inventions and discoveries disclosed in said application whose identification above by serial number and filing date, when available is hereby authorized, and in and to said application, all substitutions, divisions, and continuations thereof, and in and to all Letters Patent, United States and foreign, that may be granted for said inventions and discoveries, and in and to all extensions, renewals, and reissues thereof, the same to be held and enjoyed by said Assignee, its successors and assigns, as fully and entirely as the same would have been held and enjoyed by Assignors if this Assignment and sale had not been made;

And Assignors hereby authorize and request the Commissioner of Patents of the United States to issue said Letters Patent in accordance with this Assignment;

And for the consideration aforesaid, Assignors covenant and agree with said Assignee that he has a full and unencumbered title to the inventions and discoveries above described and hereby assigned, which title they warrant unto said Assignee, its successors and assigns;

And for the consideration aforesaid, Assignors further covenant and agree that they will, whenever requested, but without cost to them promptly communicate to said Assignee or its representatives any facts known to them relating to said inventions and discoveries, testify in any interference or legal proceedings involving said inventions and discoveries, and execute

APR 17 2008

any additional papers that may be necessary to enable said Assignee or its representatives, successors, nominees, or assigns to secure full and complete protection for the said inventions and discoveries or that may be necessary to vest in said Assignee the complete title to the said inventions and discoveries and patents hereby conveyed and to enable it to record said title.

WITNESS my hand and seal this 20th day of February, 2007.

By: Thomas M. DiMauro
Thomas M. DiMauro

NOTARIAL SEAL

State/Commonwealth of: Massachusetts

County of: Bristol

On this 20 day of February, 2007 before me, the undersigned notary public, personally appeared Thomas DiMauro, who is personally known to me to be the person whose name is signed on the preceding or attached document, and acknowledged to me that he signed it voluntarily for its stated purpose.

Amy Pelletier (official signature and seal of Notary)

My Commissioner Expires: 1-21-2011



AMY PELLETIER
Notary Public
Commonwealth of Massachusetts
My Commission Expires January 21, 2011

WITNESS my hand and seal this 15th day of January, 2007.

By: Jeffrey Sutton
Jeffrey Sutton

NOTARIAL SEAL

State/Commonwealth of: Massachusetts

County of: Bristol

On this 12 day of January, 2007 before me, the undersigned notary public, personally appeared Jeffrey Sutton, who is personally known to me to be the person whose name is signed on the preceding or attached document, and acknowledged to me that he signed it voluntarily for its stated purpose.

Amy Pelletier (official signature and seal of Notary)
My Commissioner Expires: 1-21-2011



AMY PELLETIER
Notary Public
Commonwealth of Massachusetts
My Commission Expires January 21, 2011

WITNESS my hand and seal this 12th day of January, 2007.

By: Mohamed Attawia
Mohamed Attawia

NOTARIAL SEAL

State of: New Jersey

County of: Monmouth

On this 12th day of January, 2007, before me, the undersigned notary public, personally appeared Anne M. Loso (name of document signer), proved to me through satisfactory evidence of identification, which were to be the person whose name is signed on the preceding or attached document, and Acknowledged to me that (he)(she) signed it voluntarily for its stated purpose.

Anne M. Loso (official signature and seal of Notary)

My Commissioner Expires: _____

ANNE M. LOSO
NOTARY PUBLIC OF NEW JERSEY
My Commission Expires Feb. 25, 2008

WITNESS my hand and seal this 12 day of Jan, 2007.

By: Hassan Serhan

NOTARIAL SEAL

State/Commonwealth of: Massachusetts

County of: Bristol

On this 12 day of January, 2007 before me, the undersigned notary public, personally appeared Hassan Serhan, who is personally known to me to be the person whose name is signed on the preceding or attached document, and acknowledged to me that he signed it voluntarily for its stated purpose.

Amy Pelletier (official signature and seal of Notary)

My Commissioner Expires: 1-21-2011



AMY PELLETIER
Notary Public
Commonwealth of Massachusetts
My Commission Expires January 21, 2011.

WITNESS my hand and seal this 15 day of February, 2007.

By: [Signature]
John Daniel Malone

NOTARIAL SEAL

State/Commonwealth of: Massachusetts

County of: Bristol

On this 15 day of February, 2007 before me, the undersigned notary public, personally appeared John Daniel Malone, who is personally known to me to be the person whose name is signed on the preceding or attached document, and acknowledged to me that he signed it voluntarily for its stated purpose.

Amy Pelletier (official signature and seal of Notary)

My Commission Expires: 1-21-2011



AMY PELLETIER
Notary Public
Commonwealth of Massachusetts
My Commission Expires January 21, 2011

WITNESS my hand and seal this 15TH day of February, 2007.

By: *Timothy Beardsley*
Timothy Beardsley

NOTARIAL SEAL

State/Commonwealth of: Massachusetts

County of: Bristol

On this 15 day of February 2007 before me, the undersigned notary public, personally appeared Timothy Beardsley, who is personally known to me to be the person whose name is signed on the preceding or attached document, and acknowledged to me that he signed it voluntarily for its stated purpose.

Amy Pelletier (official signature and seal of Notary)

My Commission Expires: 1-21-2011



AMY PELLETIER

Notary Public

Commonwealth of Massachusetts

My Commission Expires January 21, 2011

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O:PHILIP S. JOHNSON, ESQ. COMPANY:ONE JOHNSON & JOHNSON PLAZA

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FEBRUARY 08, 2008

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PHILIP S. JOHNSON, ESQ.
ONE JOHNSON & JOHNSON PLAZA
NEW BRUNSWICK, NJ 08903UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 571-272-3350. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, MAIL STOP: ASSIGNMENT SERVICES BRANCH, P.O. BOX 1450, ALEXANDRIA, VA 22313.

RECORDATION DATE: 02/08/2008

REEL/FRAME: 020483/0001
NUMBER OF PAGES: 9BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).
DOCKET NUMBER: DEP5229USNP

ASSIGNOR:

DIMAJO, THOMAS M

DOC DATE: 02/20/2007

ASSIGNOR:

SUTTON, JEFFREY K

DOC DATE: 01/12/2007

ASSIGNOR:

ATTAWIA, MOHAMED

DOC DATE: 01/12/2007

ASSIGNOR:

SERHAN, HASSAN

DOC DATE: 01/12/2007

ASSIGNOR:

MALONE, JOHN DANIEL

DOC DATE: 02/15/2007

ASSIGNOR:

BEARDSLEY, TIMOTHY

DOC DATE: 02/15/2007

P.O. Box 1450, Alexandria, Virginia 22313-1450 - www.USPTO.gov

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TO: PHILIP S. JOHNSON, ESQ. COMPANY: ONE JOHNSON & JOHNSON PLAZA

020483/0001 PAGE 2

ASSIGNEE:

DEPUY SPINE, INC.
325 PARAMOUNT DRIVE
RAYNHAM, MASSACHUSETTS 02767

SERIAL NUMBER: 10774105

FILING DATE: 02/06/2004

PATENT NUMBER:

ISSUE DATE:

TITLE: IMPLANT HAVING A PHOTOCATALYTIC UNIT

ASSIGNMENT SERVICES BRANCH
PUBLIC RECORDS DIVISION

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PATENT ASSIGNMENT

Electronic Version v1.1
Stylesheet Version v1.102/08/2008
500459751

SUBMISSION TYPE:	NEW ASSIGNMENT														
NATURE OF CONVEYANCE:	ASSIGNMENT														
CONVEYING PARTY DATA															
<table border="1"><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>Thomas M C Mauro</td><td>02/20/2007</td></tr><tr><td>Jeffrey K Sutton</td><td>01/12/2007</td></tr><tr><td>Mohamed Allawia</td><td>01/12/2007</td></tr><tr><td>Hassan Sertan</td><td>01/12/2007</td></tr><tr><td>John Daniel Malone</td><td>02/15/2007</td></tr><tr><td>Timothy Beardsley</td><td>02/15/2007</td></tr></tbody></table>		Name	Execution Date	Thomas M C Mauro	02/20/2007	Jeffrey K Sutton	01/12/2007	Mohamed Allawia	01/12/2007	Hassan Sertan	01/12/2007	John Daniel Malone	02/15/2007	Timothy Beardsley	02/15/2007
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John Daniel Malone	02/15/2007														
Timothy Beardsley	02/15/2007														
RECEIVING PARTY DATA															
<table border="1"><tr><td>Name:</td><td>DePuy Spine, Inc.</td></tr><tr><td>Street Address:</td><td>325 Paramount Drive</td></tr><tr><td>City:</td><td>Raynham</td></tr><tr><td>State/Country:</td><td>MASSACHUSETTS</td></tr><tr><td>Postal Code:</td><td>02767</td></tr></table>		Name:	DePuy Spine, Inc.	Street Address:	325 Paramount Drive	City:	Raynham	State/Country:	MASSACHUSETTS	Postal Code:	02767				
Name:	DePuy Spine, Inc.														
Street Address:	325 Paramount Drive														
City:	Raynham														
State/Country:	MASSACHUSETTS														
Postal Code:	02767														
PROPERTY NUMBERS Total: 1															
<table border="1"><thead><tr><th>Property Type</th><th>Number</th></tr></thead><tbody><tr><td>Application Number:</td><td>10774105</td></tr></tbody></table>		Property Type	Number	Application Number:	10774105										
Property Type	Number														
Application Number:	10774105														
CORRESPONDENCE DATA															
Fax Number: (732)524-2808 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>															
Phone: 508-880-8401															
Email: JNJUSPATENT@CORUS.JNJ.COM															
Correspondent Name: Philip S. Johnson, Esq.															
Address Line 1: One Johnson & Johnson Plaza															
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ATTORNEY DOCKET NUMBER:	DEP5229USNP														
NAME OF SUBMITTER:	Amy Pelletier														

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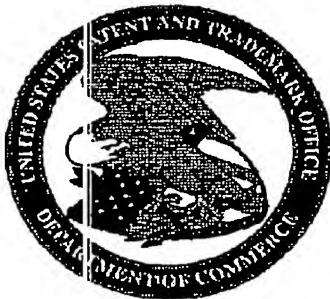
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Fax Number: 17325242808
Voice Phone:

From: Name: ASSIGNMENT SERVICES BRANCH
Voice Phone: 571-272-3350

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